Title (en)

METHODS AND SYSTEMS TO ESTIMATE VIRTUAL CLIENT HEALTH FOR IMPROVED ACCESS POINT SELECTION IN A WIRELESS NETWORK

Title (de)

VERFAHREN UND SYSTEME ZUR SCHÄTZUNG DER GESUNDHEIT EINES VIRTUELLEN CLIENTS FÜR EINE VERBESSERTE ZUGANGSPUNKTAUSWAHL IN EINEM DRAHTLOSEN NETZWERK

Title (fr)

PROCÉDÉS ET SYSTÈMES POUR ESTIMER UNE SANTÉ DE CLIENT VIRTUEL POUR UNE SÉLECTION DE POINT D'ACCÈS AMÉLIORÉE DANS UN RÉSEAU SANS FIL

Publication

**EP 3286950 B1 20200603 (EN)**

Application

**EP 16890070 A 20160212**

Priority

US 2016017794 W 20160212

Abstract (en)

[origin: WO2017138955A1] Example methods and apparatus to generate recommendation(s) for access point association by a client device are disclosed. An example method includes calculating an effective uplink data rate for the client with respect to a first access point based on a) an uplink data rate and b) a percentage of uplink airtime available to the client. The example method includes calculating a first effective downlink data rate with respect to the first access point based on a) a downlink data rate for and b) a percentage of downlink airtime available to the client. The example method includes computing a first metric for the first access point based on the first effective uplink data rate, the first effective downlink data rate, and a noise floor scaling factor. The example method includes generating an access point recommendation by comparing the first metric and a second metric for a second access point.

IPC 8 full level

**H04W 48/20** (2009.01); H04W 84/12 (2009.01)

CPC (source: EP US)

**H04W 24/08** (2013.01 - EP US); **H04W 28/22** (2013.01 - EP US); **H04W 48/20** (2013.01 - EP US); H04W 84/12 (2013.01 - EP US)

Cited by

CN112889301A; EP3864870A4; WO2020077342A1

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DOCDB simple family (publication)

**WO 2017138955 A1 20170817**; CN 107534881 A 20180102; EP 3286950 A1 20180228; EP 3286950 A4 20180711; EP 3286950 B1 20200603; US 10736030 B2 20200804; US 2018359698 A1 20181213

DOCDB simple family (application)

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